GLOBAL TELECOMMUNICATIONS

GLOBAL TELECOMMUNICATIONS PTY. LIMITED

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TRAKMAN™

THE EVERY VEHICLE TRACKING DEVICE

Quick Activation Guide And User Manual

TRAKMAN FEATURES:

- GSM 850/900/1800/1900 Quad band
- Wide input voltage range: 9-36V DC
- GPS continuous positioning and maintains online odometer for service
- Dedicated mobile APP for Android and iPhone
- Track the current location 24/7
- Replay the historical journey
- Daily event and Periodic summary report
- ACC ignition detection to set up Automated GeoFence
- Additional GeoFence by App
- Unlimited online GeoFence
- External power cut Alert
- Low battery alert
- Panic alert
- Email, mobile APP message instant alert to the customer

TRAKMAN reports on the location of a vehicle and the route it has travelled over a set time frame. The information can be viewed by web browser on any Internet connected device including mobile phones, PC, laptops, and tablets, A dedicated mobile APP for both Android and iPhone is essential (download) to be used for vehicle management or to track unauthorised movement.
TRAKMAN is ideal for Caravan's, Cars, 4WD's, Buses, Trucks, RV Vehicles, Trailers and Boats etc. and is required to be connected with battery power for just about anything that moves!
TRAKMAN detects when the vehicle has moved outside or back in (optional) a defined boundary that can be automatically set by the detection of an ignition status change. Additional GeoFence's can be set by the mobile APP.
TRAKMAN should be discreetly mounted and wired into to any 9-36V battery of vehicle, comes complete with a Sim-Card that uploads the location data to the server on the cloud, enables it to alert its owner of movement of the vehicle, low battery or a power disconnection.
TRAKMAN includes a back-up battery that will continue to operate for 4 hours even if the charge or connection is severed.
TRAKMAN maintains an online odometer and once the initial reading is recorded, vehicle service notifications can be setup via email.

Vehicle Owners have the option of utilising the web portal that features comprehensive detail of a selected journey time frame

Fleet Owners are able to access the web portal to monitor the whole fleet in a dedicated management account. Daily event and periodic summary reports are available for management purposes.

1. Getting Started

After your purchase of the TRAKMAN device, please check the contents inside the box:

1. TRAKMAN device with IMEI information and wiring diagram on the back
2. 4-in-1 power cable set
3. Panic button
4. User manual sachet including the SIM card holder with important information

TRAKMAN Unit | Power Cord | Panic Button | Manual Sachet

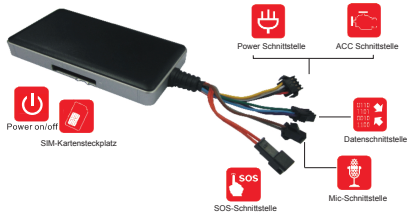
A copy of your device information is printed on the SIM card holder. Please keep it and the user manual sachet in a safe place for future reference.

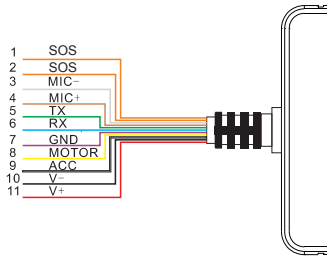
Follow the wiring diagram in the user manual and install your TRAKMAN device according to your vehicle type. Connect the device to power, turn the back up battery switch on and leave it to charge. Then follow these steps to activate your TRAKMAN service:

1. Visit www.global-telcom.com and search for TRAKMAN
2. Navigate to the ACTIVATE page and select the region in which your TRAKMAN device will normally operate in
3. Fill in the activation form with customer details, device details, service and payment details then submit the form
4. Under normal circumstance, the activation process will send you confirmation and device information to your nominated email address within 72 hours
5. Keep the TRAKMAN device continuously powered and allow it to be configured according to your service plan
6. You can browse the TRAKMAN information website for other useful resources
7. You can download the free mobile APP for both Android and iPhone
8. Once the green LED on the TRAKMAN device turns solid bright, the activation process is complete, and
9. You can login the online platform with your service details to view and track your device(s)

Alternatively, or if you require any assistance, please email to contact@global-telcom.com

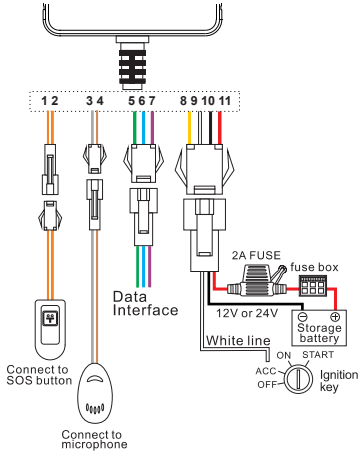
2. Wiring:





Cable Index	Colour	Function
1 SOS	Orange	SOS button
2 SOS	Orange	SOS button
3 MIC -	Grey	Microphone (Optional)
4 MIC +	Brown	Microphone (Optional)
5 TX	Green	Data transmission
6 RX	Blue	Data Reception
7 GND	Purple	Ground
8 MOTOR	Yellow	Motor Relay (Optional)
9 ACC	White	Ignition Detection
10 V-	Black	DC Negative
11 V+	Red	DC Positive

2.1 Wiring to Vehicle that has Ignition Key



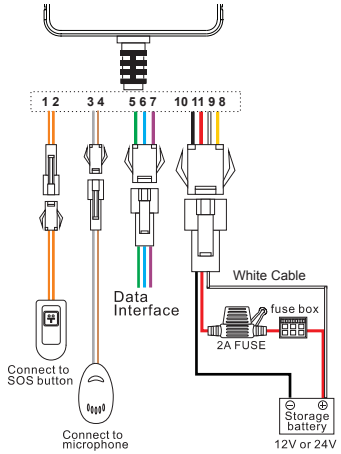
TRAKMAN is powered by 9V~36V DC. Connect the Red and Black cables and turn the switch on, TRAKMAN will start working and the three LEDs indicates the power and connection status.

The Cable 9 – ACC (White) determines the defense function of the TRAKMAN by detecting the ignition status of the vehicle. When this cable is connected to the ignition key of vehicle and the TRAKMAN is on, it sets itself as follow table indicates:

Ignition Status	TRAKMAN Mode	Automated GeoFence	GPRS Upload
ON	Tracking Mode	OFF	ON
OFF	Defensing Mode	ON	OFF

2.2 Wiring for Every Vehicle

TRAKMAN is suitable for every vehicle, even if the vehicle does not have an engine or an ignition key to operate the automated GeoFence (for example, a caravan or camper trailer).

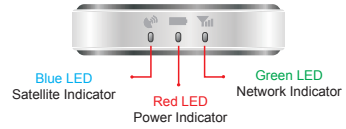


Connect the Cable 9 – ACC (White) directly to DC Positive together with Cable 11 – V+ (Red) to keep the device in operating mode. Then you can use the registered mobile APP to operate the Defense Mode for your Device.

3. Initiate your TRAKMAN:

Once your TRAKMAN is properly connected to power, it will turn itself ON. The Red LED in the middle will lit ON and steady, indicating the internal battery is charging. Then the Green and Blue LEDs will be ON and flashing. If you have followed the step 1 to activate your SIM card service, the Green LED should stay steady when it connects to the mobile network successfully. Depending on the location, the Blue LED will stay on when the device is successfully connected to the GPS satellites and located.

Remember to check the internal battery in the ON position to enable the back up battery to work when the device is disconnected from external power source. Slide open the cover at the side of the device and you can find the switch next to the SIM card and the ON/OFF location is printed on the case.



There are 3 different colour LED lights on TRAKMAN and they indicates the power, network, and defense mode status of the device as summarised in the table below:

Status	Blue LED	Red LED	Green LED
Dark	Power OFF		
Quick Flash	Searching for Satellites	Low Battery	Searching GSM network
Solid	Satellite connected	Battery Charging	GSM connected, GPRS uploading
Tracking Mode	Blue and Green solid, Red LED flashes every second		
Defensing Mode	Blue, Red, and Green LEDs flash in turns		

4. SIM Activation:

The Global Telecommunication SIM card comes inserted in the unit with its detailed information printed on the box. Please visit www.global-telcom.com and activate the SIM card with device and payment details.

In the mean time, please turn on the device by switching the power button next to the SIM card slot and check the 3 LED signals. After the connection is established, you can see both green and blue LED will indicate solid bright status, which confirms the activation is successful.

The device will begin to upload positioning data to the server only when the valid Simcard has been activated and the power is on.

During the working time, it can upload data to the server every five minutes as noted with the standard plan.

5. TRAKMAN Service Plan

To minimise your service charges, TRAKMAN has been configured in Standard Plan. You can upgrade to another plan to satisfy your usage.

Service Provision	Standard Plan	Standard Plus Plan	Fleet Management Plan
Service Detail	5 minute linear uploads; 15 degree directional uploads; Real-time Vehicle Location check; Historical Playback Battery Fail, Battery Low, Geofence Alert,	30 seconds linear uploads; 15 degree directional uploads; Real-time Vehicle Location check; Historical Playback Battery Fail, Battery Low, Geofence Alert; Online Odometer; Service Reminder	Fleet Management portal display, 10 seconds linear uploads; 15 degree directional uploads; Real-time Vehicle Location check; Historical Playback Battery Fail, Battery Low, Geofence warning, Online Odometer; Service Reminder; Speedlog, Journey Detail, Daily Report; Periodical Report;
Charge (GST Incl.)	$16.95 per month or $180 per year	$19.95 per month or $220 per year	$24.95 per month or $270 per year
Set Up	No Set Up Fee	No Set Up Fee	$200 Set Up Fee
Mobile APP	Free operation APPs for both Android and iPhone Included.		

6. Security Message

a. Movement Alert:
If you have installed the TRAKMAN device according to section 2.1 with the ACC (White) cable connected to the ignition key, when you park your vehicle and turn off the engine, the device enters its Defense Mode, which enables the detection of movement via the auto GeoFence. If the device moves over 300 metres from the location (without turning on the ignition or rocker switch), the device will send a movement alert with the location and date and time to registered mobile phone. The GeoFence is disabled when the ignition or the rocker switch is turned back on.

If you installed the TRAKMAN device according to section 2.2 with the ACC (White) cable connected directly to the battery positive terminal together with the V+ (Red) cable, you can set the TRAKMAN into its Defense Mode by using the mobile APP from the registered mobile phone.

b. GeoFence Enter/Exit:
You can set up multiple areas (GeoFence) in the GPS tracking platform. You can adjust the radius and name each of the GeoFence for your own reference. You will receive GeoFence Enter/Exit message via the APP on registered mobile phone.

c. Low Battery Alert:
If the internal battery of the device falls to 25%, it will notify owner via the APP.

d. Power Fail Alert:
If the device is powered by an external power source and the source is cut off by any circumstance, the device will notify the owner via the APP. The internal battery will last a minimum of 4 hours without charging.

e. SOS Alert:
Press and hold the SOS button for 3 seconds, the device will send SOS message to the registered mobile phones.

f. Service Reminder:
TRAKMAN keeps a record of total mileage travelled online from the device. It will be initiated from the first upload. You can set up the “Last Service” and “Service Due” mileage via “Target Info” window on the platform. When the TRAKMAN reaches the “Service Due” mileage, the platform will send a reminder email to the account holder.

7. Download the APP and Register your Phone with the APP

To operate the “One-Click” Defense Geo-Fence and receive security alerts on your mobile phone, you’ll need to download the APP and register your phone with the APP for both Android and iPhone.

For Android users, go to Google Play. For iPhone/iPad users, go to App Store. Search the APP “GLOBAL TRACK” developed by Global Telecommunications and install to your phone.

The APP icon is shown at the right. Run the APP and put in your correct details in for the first time. Remember to check the box for “Remember my username and password” to register the APP with the device. You can display your TRAKMAN on as many mobile phones as you like, however, only one device can be registered to a mobile phone, unless you have a fleet account.

Alternatively, take your phone and scan the QR Code below for your operation system respectively to the store location to download and install the App.

Android

Google play

iPhone

Available on the App Store

8. Login the Online GPS Tracking Platform

You can login the online GPS Tracking Platform after you have activated the TRAKMAN service. Follow the instructions on the activation email and login the platform. You can see your vehicle location when the device locates itself and connects to the network.

You can change the device information, check the location, start real-time tracking, playback historical records, set up GeoFences, view statistics reports, and more in the platform. More detailed information can be found in the following video clip on YouTube:

TRAKMAN Platform Demo
https://www.youtube.com/watch?v=r8iSgaFg0qg

TRAKMAN Contents and Assembly
https://www.youtube.com/watch?v=N37sioS1wHE

TRAKMAN John Citizen
https://www.youtube.com/watch?v=dDUSZYzNp90

Subscribe the YouTube account for more upcoming video tips and hints.

Your device information:
SIM :
IMEI:

9. FAQ

Following installation, should the device not connect to the platform server, please verify each of the following:
a. Check the power connection
b. Check the installation of the Simcard is correct
c. Check that the power switch toggle is on
d. For motored vehicles, check the ignition switch has turned the device on
e. Check normal working status – the Red LED is solid bright or flashing (the Blue and Green LED are both solid bright)
f. Check whether the GPS is masked and not located in underground or solid construction parking areas.

Where access to the platform indicates offline status, to verify the workings of the device:
g. Call the allocated Simcard number of the device
h. Check whether your vehicle is located in a GSM area
i. Check the Internet is not disconnected
j. Check whether your Simcard is active

If the device GPS function is normal but it is unable to be located, please check the installation setting of the device is correct as follows:
k. Please ensure the TRAKMAN is face up
l. Please ensure there is no electro-magnetic wave absorbency above the device (metal). It may affect the GPS reception of the device.
m. When located amongst tall buildings, the device may not receive GPS reception. Please relocate the vehicle to an open area. This applies to the parking areas within buildings.

10. COMPLIANCE

The CE marking as it has been legally called since 1993 (per directive 93/68/EEC)(DECISION No 768/2008/EC) (abbreviation of French: Conformité Européenne, meaning "European Conformity")

RoHS - Restriction of Hazardous Substances Directive

Both A-tick and C-tick compliances effected May 2012

MANAGEMENT at

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